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(54) Title: PURIFICATION PROCESS OF CARBON NANOTUBES

(57) Abstract: The present invention describes a new method for the purification of carbon nanotubes from contaminants deriving from industrial production, constituted by amorphous or carbon crystalline material and metals used for catalysis. The method provides for their organic functionalization obtaining derivatized nanotubes, precipitation of functionalized nanotubes and subsequent regeneration of non-functionalized nanotubes by heat treatment.



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